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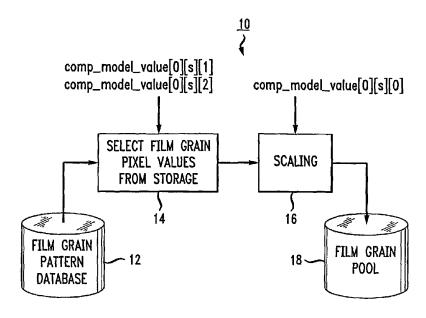
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(54) Title: TECHNIQUE FOR FILM GRAIN SIMULATION USING A DATABASE OF FILM GRAIN PATTERNS



(57) Abstract: Individual pixels in an image block undergo blending with film grain from a film grain block randomly selected from among a pool (18) of previously established film grain blocks in accordance with a luma characteristic of the image block. Prior to blending, the selected film grain block undergoes deblocking by a deblocking filter (28). Following blending, a clipper (32) clips the individual pixels prior to display. The pool(18) of film grain blocks is created by scaling a set of film grain patterns in accordance with at least one parameter of a film grain information message that accompanies the image block.

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FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

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